

Md Sajjad Hossen

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Career Summary

I'm an enthusiastic and driven tech enthusiast with a strong passion for solving real-world problems through innovative solutions. Experienced in developing diverse projects, including an Online Medical Sheba platform, Multi Vendor E-commer Platform, Leads Generative AI Agent, a Cybersecurity Course Marketplace, and a Machine Learning-based Medicine Recommendation System. Known for effective communication, a collaborative mindset, and a commitment to continuous learning and meaningful impact.

Education

Green University of Bangladesh , BSc in Computer Science	Jun 2020 – May 2025
• CGPA: 3.2/4.0	
AKM Rahmatullah Colleger , HSC (<i>Science</i>)	Jan 2019 – Mar 2020
• GPA: 4.0/5.0	
Adda Umedia High School , SSC (<i>Science</i>)	Jan 2016 – Feb 2017
• GPA: 3.64/5.0	

Experience

Software Engineer Intern , Battery Low Interactive Limited	February 2025 – May 2025
<ul style="list-style-type: none">Built and deployed full-stack web applications including a personal portfolio and a prototype e-commerce website using React.js, Node.js, Express.js, and MongoDBApplied advanced React concepts such as hooks, context API, and dynamic routing to create modular and maintainable UIsDeveloped RESTful APIs and integrated them with MongoDB for efficient CRUD operationsGained practical experience in office environment protocols, agile methodologies, version control (Git), and cross-functional collaborationImproved debugging, testing, and deployment workflows, contributing to faster development cycles and team productivityActively learned and applied principles of clean code, scalability, and user-centered design throughout the internship	

Publications

Priority-Aware Task Offloading for Latency and Energy Minimization in Healthcare IoT Systems	2025
Md. Jamil Hasan, Md. Hasibur Rahman, Md Sajjad Hossen , Palash Roy, Md. Abdur Razzaque, Giancarlo Fortino, Raffaele Gravina, Mohammad Mehedi Hassan	
IEEE International Conference on Systems, Man, and Cybernetics (SMC)	

Projects

Online Medical Shaba — Django Web App	GitHub	Video Demo
<ul style="list-style-type: none">Built a full-stack healthcare platform with appointment booking, AI chatbot, medicine store, doctor find, blood find, and ambulance service.Tech Stack: Django (Python), HTML/CSS, Bootstrap, JavaScript, MySQLEnabled real-time doctor availability, hospital search, and user-specific dashboards		
Multi Vendor(E-Commers) MERN-fullstack	GitHub	Live Previews
<ul style="list-style-type: none">Built a full-stack Multi Vendor E-commers platform with register, manage their products, and process orders.		

- Tech Stack: Reactjs, Tailwind-Css, Nodejs, Expressjs, MongoDB, JavaScript
- The platform features secure authentication, product listings shopping cart, order management, and admin controls, offering a complete online marketplace experience.

Medicine Recommendation System

GitHub

- The Medicine Recommendation System leverages Machine Learning to predict diseases based on user-provided symptoms.
- Built using the Django framework. and recommends appropriate
- Tools Used: Django (Python), HTML, CSS, Javascript, Sqlite3

Skills

Full-Stack Development: MERN Stack (MongoDB, Express.js, React.js, Node.js), Django (Python)

Web Technologies: HTML, CSS, Bootstrap, Tailwind CSS, JavaScript (Dynamic), ReactJS, PHP

Backend & Frameworks: Node.js, Express.js, Django

Database Management: MongoDB, MySQL, SQLite3

Programming Languages: Python, C, Java

Other: Frontend Backend Integration, RESTful API Development, Responsive Web Design

Courses

Google Bard Generative AI Masterclass: Certification Course

Udemy

Master Git and Github: Beginner to Expert

Udemy

ReactJs: The complete reactjs course.

Udemy

Python: Introduction to Python Programming

Bohubrihi

Flutter: Certificate of completion.

Influxdev

Awards & Certifications

Best Project Awarded in the Integrated Design Project II for the development of the "Online Medical Shaba" Web Application

Python (Django) training conducted by the Institute of Information Technology (IIT), Jahangirnagar University under the EDGE Project of Bangladesh Computer Council, ICT Division.

National Skills Certificate on Web Design and Development for Freelancing, Level- 3 from the National Skills Development Authority (NSDA).

I also have certificates in ReactJS, Master Git and GitHub, Python, and Flutter.

Extracurricular Activities

Ambassador, Oneway School

Leetcode, Problem Solving

Ongoing

Codeforces, Problem Solving

Ongoing

Research: Engaged in exploring new technologies and problem domains.

Reading Books: Interested in self-development, tech, and science literature.

Travelling: Passionate about exploring new places and cultures.

Languages

Bangla: Native

English: Proficient (Reading, Writing, Speaking)

Hindi: Basic (Conversational)

Reference

Dr. Muhammad Aminur Rahaman

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